



CorePro LEDspot MV



CoreProLEDspot 4-50W GU10 830 36D DIM UK

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 or E14 holder and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information	
Cap base	GU10
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	700 cd
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	86 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm
Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz

Power Consumption	4 W
Lamp current (nom.)	23 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.84
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	PAR16
Net Weight (Piece)	0.048 kg
Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	391911

CorePro LEDspot MV

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Application Conditions

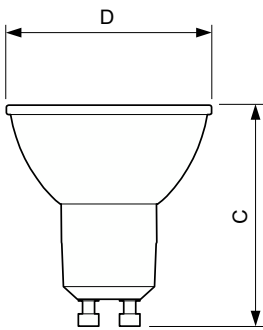
Can it be used in closed luminaires	No
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Product Data

Order product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK
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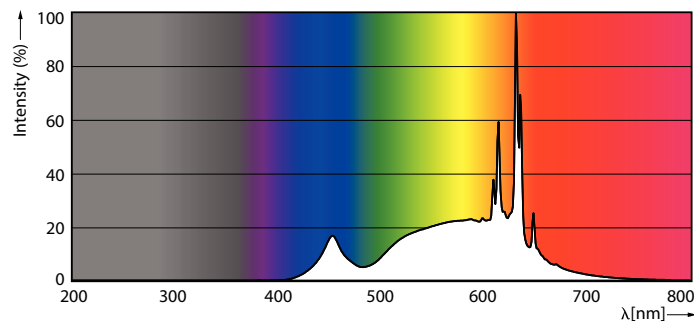
Full product name	CoreProLEDspot 4-50W GU10 830 36D DIM UK
Full EOC	871951435883601
Order code	35883601
Material no. (12 NC)	929002068399
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514358836
Numerator – packs per outer box	10
EAN/UPC – Case	8719514405622

Dimensional drawing

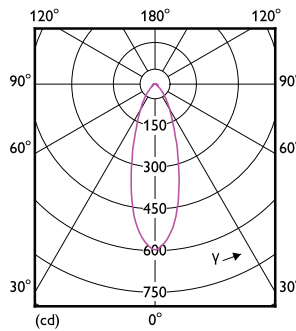


Product	D	C
CoreProLEDspot 4-50W GU10 830 36D DIM UK	50 mm	54 mm

Photometric data



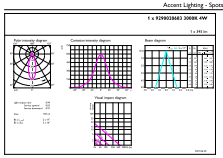
Spectral Power Distribution Colour - CoreProLEDspot 4-50W GU10 830 36D DIM UK



Light Distribution Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK

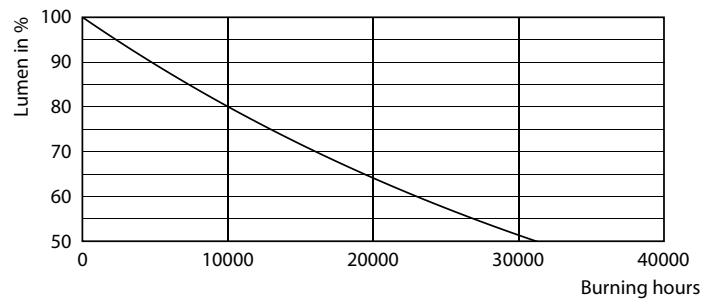
CorePro LEDspot MV

Photometric data



Accent Lighting Spots - CoreProLEDspot 4-50W GU10 830 36D DIM UK

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CoreProLEDspot 4-50W GU10 830 36D DIM UK

